IInd & Final bill

Job Number :- 002-20-000006

Recondedon :-

M. A. R. 57 (Rule 116)

Measurement Book

No. E

Work order No :- BBMP/EE/YNK.D/W.O/153/2019-20 Date 08/11/2019 103166

Serial No. .....

Name of work Improvements to roads and drains at yelahanka old town SC/ST area and AD colony and surrounding area in ward no 02 of yelahanka Sub division.

From

To

Name of Contractor of Nature of Agency m/s Technical manager (west) KRIDL Bangalore 5th Block, 17th main Shivakumar Swamy Building, Bhashyam Circle, Bangalore-10.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Earth work excavation by manual means in ordinary Soil involving an average horizontal throw up to 2 meters and an average lift up to 0.500m excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods Complete as per Specifications and as per the directions of the engineer in-charge of the work.						
	Quantity vide AR per prepared in excell sheets :- 426.14 m3 @ Rs. 215.28						91,738.99
	② Providing and Laying plain Cement Concrete of mix 1:3:6 with opc Cement @ 220 kgs with Crushed 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and Compacted						

AE

M. A. R. 57 (Rule 116) No. E

Measurement Book

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Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Quantity vide, AS per prepared in excel sheets:- 90.43 m^3						
						CRS. 7070.20	639361.72
	(4) Providing TMT bars Fe 500 steel reinforcement for RCC works including straightening, cutting bending, hooking placing in position lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary Complete as per design (laps, hooks, and wastage shall not be measured and paid) Cost of materials, labour Hire of machinery Complete as per Specifications & as per the directions of the engineer-in-charge of the work.						
	Quantity vide, AS per prepared in excel sheets:- 6.78 Tonnes						
						CRS. 73992.24	501772.08

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M. A. R. 57 (Rule 116) No. E
Measurement Book

493168

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	The orginer in-charge of the work.						
	Quantity vide AS per prepared in excel sheets:- 12.00 m²						
						CRS. 5418.00	65016.00
	(7) Cement Concrete pavement Construction of non-reinforced plain Cement Concrete for pavement using a grade Concrete m30 over a prepared base with opc coarse aggregate @0.69 cum fine aggregate @0.46 cum, Coarse and fine aggregate Confirming to IS:383-2016, with Superplastisizer @3.1lts Confirming to IS 9103-2008, mixed in a Concrete mixer of not less than 0.6 cum Capacity and appropriate						

M. A. R. 57 (Rule 116) No. E

Measurement Book

493169

rial No. .....

me of work ..... From ..... To .....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	⑨ Earthcoork excavation for foundation of buildings, water Supply, Sanitary lines and electrical Conduits either in pits or in trenches 1.5m and above in width, in ordinary Soil not exceeding 1.5m in depth including dwelling the bottom and Sides of pits and trenches, Stacking the excavated Soil clear fromm edges of excavation with lead up to 50m. after breaking of clods Complete as per Specifications. (Quantity up to 125%).						
	Quantity vide, AR per prepared in excel sheets:- 4415 m^3						9011.90
						CRS. 204.12	
	Quantity Above 125%						
	Quantity vide, AR per prepared in excel sheets:- 1675 m^3						
	AR-02					CRS. 204.12	3418.61

Contents

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M. A. R. 57 (Rule 116)
Measurement Book

No. E

493170

rial No. .....

me of work ..... From ..... To .....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Quantity vide AR per prepared in excel sheets:- 14.16m³ CRS. 82.08						1162.20
(12)	Providing and laying in position plain cement Concrete of mix 1:3:6 with opc Cement @ 220 kgs with Hoorm and down Size graded granite metal Coarse aggregates @ 0.892 Cum and fine aggregates @ 0.465 Cum machine mixed Concrete laid in layers not exceeding 15cms THICK well Compacted in foundation including Cost of all materials, labour, Hoor of machinery, curing Complete as per Specifi Cations.						
	Quantity vide AR per prepared in excel sheets:- 12.61m³ CRS. 5749.68						68718.50

M. A. R. 57 (Rule 116) No. E

Measurement Book

493173

erial No. .....

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency.....

ate of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(21) Providing and Constructing granite/trap/basalt Rise Stone masonry in foundation with Cement mortar 1:6 Stone hammered dressed in Courses not less than 20 Cms high, bond Stones at 1.00 m. apart in each Course including Cost of materials, labour, curing Complete as per Specifications.						
	Quantity vide, AR as per prepared in excel sheets:- 38.00 m³						
	@Rs. 4521.96					1,71,822.72	
	(22) Providing and Constructing burnt brick masonry with approved quality of non modular bricks of Standard Size of class designation 3.5 Newton per Sqmm with mud mortar for basement and Superstructure including Cost of materials, labour charges, Scaffolding, curing Complete as per Specifications.						

M. A. R. 57 (Rule 116) No. E

Measurement Book

493174

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Cement mortar 1:3, to ceiling including rounding off Corners wherever required Smooth rendering: Providing and removing Scaffolding including Cost of materials, labour, Curing Complete as per Specifications.					
	Quantity vide AR per prepared in excel sheets: - 50.71 m²					
					CRS. 208.44	10,569.99
(25)	Providing 15 mm thick Cement plaster in Single coat with Cement mortar 1:3 to brick masonry including rounding off Corners wherever required Smooth rendering. providing and removing Scaffolding including Cost of materials, labour, Curing Complete as per Specifications.					

AE

M. A. R. 57 (Rule 116) No. E

Measurement Book

493176

erial No. .....

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide, AS per prepared in excel sheets:- 2.52 m2						
						CRS. 8964.00	22589.28
	(30) Providing and fixing aluminium fixtures like aldrops of size 300x16 mm tower bolts of size 200 x12mm, Latches of size 250x12mm, 100mm length oxidized iron hinges, handles of size 150mm, door stopper and door brush of approved make and quality including cost and conveyance of all materials and as per the directions of EIC of work with all lead and lift and as directed by the engineer incharge of work, Single shutter.						
	Quantity vide, AS per prepared in excel sheets:- 3.00 Spm						
						CRS. 4691.52	14074.56

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Measurement Book

No. E

493178

erial No. .....

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of following applications a) Applying and grouting a Slurry Coat of Cement & Laying cement Concrete using brocken brick bats 25mm to 100m Size with 50% Cement mortar. c) After two days of proper curing, applying a Second Coat of Cement Slurry admixed d) Finishing the Surface with 20mm Thick jointless Cement mortar 1:4 e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing etc as per Specifications.						
	Quantity vide, AR per prepared in excel sheets:- 60.66 m²						
	CRS. 976.32					59,227.28	
(36)	Supplying heavy gouge pvc conduit pipe --- dia Conforming to IS 2509 with						

M. A. R. 57 (Rule 116) No. E

Measurement Book

493180

erial No. .....

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency.....

ate of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	c) 200×90×65 mm.					
	✓ Quantity vide, AR per prepared in excel sheet:- 5.00 nos					600.00
	@Rs. 120.00					
	(40) Supplying and fixing prcl metal Conduit accessories (3/5)					
	1. Special type junction box, d) 40mm junction box.					
	✓ Quantity vide, AR per prepared in excel sheet:- 5.00 nos					265.00
	@Rs. 53.00					
	2. Deep junction box e) 32mm deep junction box.					
	✓ Quantity vide, AR per prepared in excel sheet:- 5.00 nos					325.00
	@Rs. 65.00					

M. A. R. 57 (Rule 116)
Measurement Book

No. E

493182

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(44) Supplying and fixing Superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos of machine screws bolts nuts etc complete on the existing metal/pvc box. I Group-A c) 6 module.						
	Quantity vide AS per prepared in excel sheets:- 10.00 nos						
	CRS. 173.00						1730.00
	(45) Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate. I using Group A materials a) 6 Amps one way.						
	Quantity vide AS per prepared in excel sheets:- 10.00 nos						
	CRS. 63.00						630.00

M. A. R. 57 (Rule 116)
Measurement Book

No. E 493184

erial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(50)	Extras for Supplying 4mm Thick white plastic plate and Covering for junction boxes of Size 110 mm Conduit using necessary machine Screws b) 110 mm Quantity vide AS per prepared in excel sheets:- 15.00 Nos				CRS 8.75	131.25	
(51)	Supplying a 50 mm wooden plug, tapered from 50 x 50 mm to 25 x 25 mm and fixing by using building wire before Connecting a roof Slop. Quantity vide AS per prepared in excel sheets:- 15.00 Nos				CRS 4.00	60.00	

Ref TAE-02

Road Sub Total RS: 24,18,427.12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Building	Sub Total Rs:-		1485338.00	
				Sub Total Rs:-		39,07,476.00	
				Add KRIDL @ 4%		1,56,190.00	
				Add 12% GST for Road		2,90,211.25	
				Total Amount Rs:-		43,53,121.00	
	Asst Engineer Yeshwanthpura Sub Division, KRIDL, BBMP, Bangalore						
	Certified that the above work done is satisfactorily completed.						
	Asst Executive Engineer Yelahanka Yeshwanthpura Sub Division KRIDL BBMP Bangalore						
	Certified That the There is no debrics have been cleared to Site.						
	AE-2 25/01/2021						

CERTIFICATE:-

AE-2 25/01/2021

25/01/2021

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	GH-110 mm
	Venugopala Swamy Temple GH:25mm

INDEX:-

□ - Rectangle

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

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No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

of commencement of work .....

Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
CH-110mm						CH-0mm
9th Cross Kondappa Layout						
Venugopala Swami Temple Road CH-25m						
CH-0mm						
CH-81mm						
Venugopala Swamy Temple Road						
CH-0mm						

INDEX :-

□ - Rec drain

Dt. 25/01/2021

AE-02

$V = 25 \times 1 \times 2$

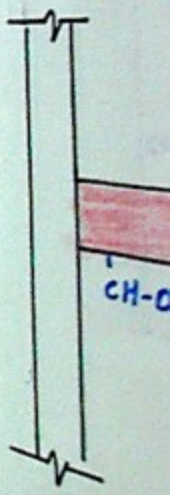
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Assistant 25/01/2024
AE-02

Serial No. .....
Name of work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2



M. A. R. 57 (Rule 116)
Measurement Book

No. E 493186

ial No. .....
ne of work ..... From ..... To .....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	CROSS ROAD CH-0mm CH-27.4mm						
	INDEX :- ■ - CC Road						

Accepted 25/01/2021
AE-02

Depth 6 | Contents 7

INDEX :-
■ - Rcc drain

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement Book
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	VENKATARAMANA PROVISION STORE TO DEAD END						
	CH-0m					CH-58.2m	
	INDEX:-						
	□ - CC Road						
	25/01/2021 AE-02						

Serial No. .....

Name of work .....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of wo
1	2
	INDEX:-
	□ - Rec drain

M. A. R. 57 (Rule 116) No. E

Measurement Book

493187

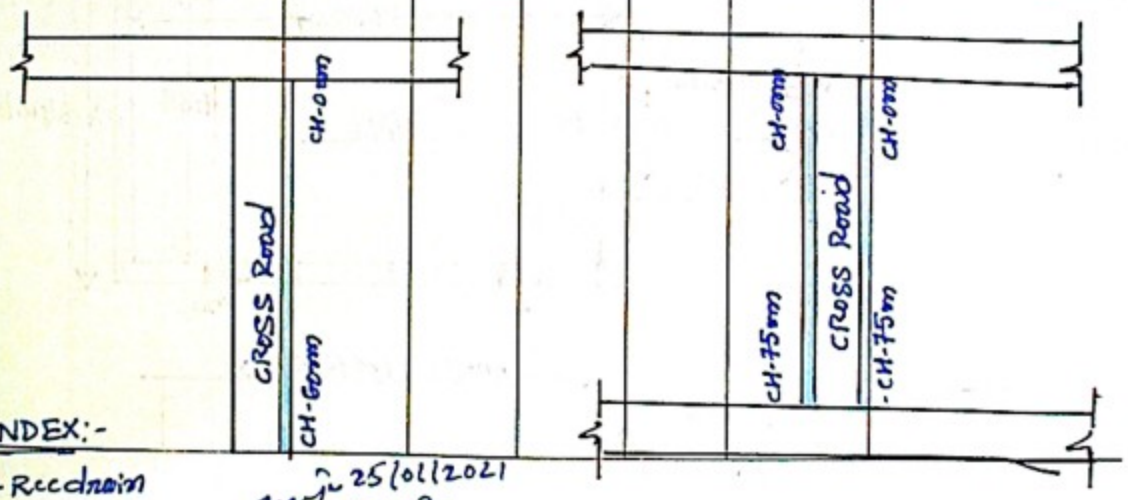
al No. .....

e of work ..... From ..... To .....

e of Contractor of nature of Agency.....

of commencement of work.....

Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
	Number	Length	Breadth / Depth		
2	3	4	5 / 6	7	8



INDEX:-

□ - Rccdrain

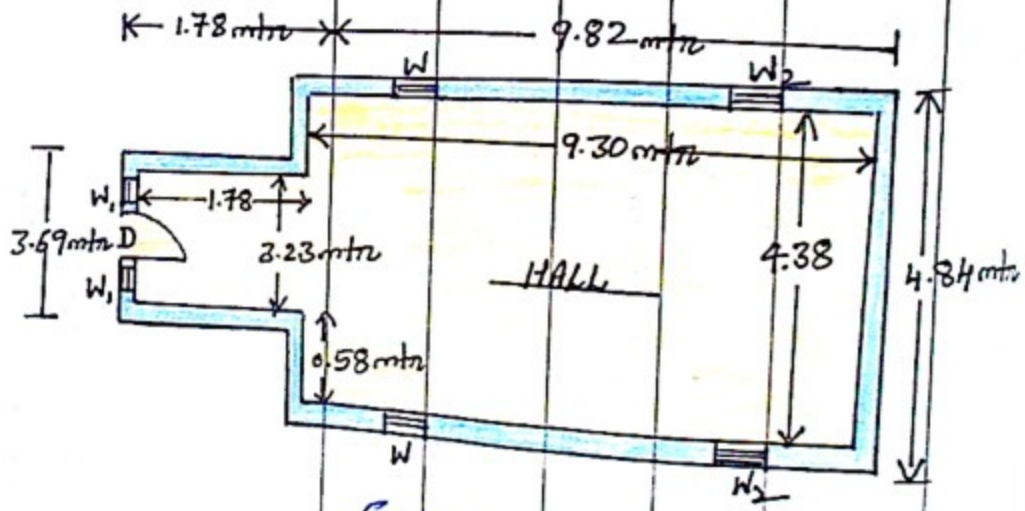
Chkd 25/01/2021
AE-02

TO DEAD END

CH-58.20m

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement Book
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



GROUND FLOOR PLAN

Deepu 25/01/2021
AE-02

Serial No. .....
Name of work .....
Name of Contractor of nature of Age
Date of commencement of work.....

Date	Full description, etc, of wo
1	2

Gross Amt = Rs 435
Gross Amt = Rs
FSD = Rs 217
COST = Rs 388
= Rs 38
87
43
43
= Rs 261
Net Amt = Rs

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

493188

No. .....

of work ..... From ..... To .....

of Contractor of nature of Agency.....

f commencement of work.....

Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
4350121=00						
Gross Amt=Rs ~~4350121=00~~						
FSD =Rs 217507=00						
COST =Rs 388411=00						
3884=00						
87003=00						
43502=00						
4351=00						
26180=00						
412723=00	456225/-					
Net Amt=Rs 3937398=00						
3893896=00						

SBR NO 67

30-01-2021.

Audited & Admitted for Rs 4350121=00

3893896=00

3937398=00 by Cheque

412723=00 by adjustment

456225=00

Executive Engineer
Yelahanka Division
Bangalore